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**XP-002276696**

**AN - 1979-81886B [45]**

**A - [001] 011 04- 074 081 23- 431 47& 477 688**

**CPY - KOBM**

**DC - A32 M11**

**FS - CPI**

**IC - C25D11/04 ; C25D13/20**

**KS - 0231 0486 2420 2439 2728**

**MC - A11-B05A A12-B04B M11-E M11-G**

**PA - (KOBM) KOBE STEEL LTD**

**PN - JP54032425B B 19791015 DW197945 000pp**

**- JP50126531 A 19751004 DW197945 000pp**

**PR - JP19740033658 19740326**

**XIC - C25D-011/04 ; C25D-013/20**

**AB - J79032425 An Al alloy is anodically oxidised, immersed in aq. soln. contg. NH3 or amine at 40-60 degrees C and pH 8-12, treated to form a boehmite layer, and electrodeposited.**

**- In an example, an Al-Mg 0.65--Si 0.4 alloy is etched in NaOH, oxidised in 15% aq. H2SO4 at 3A/dm2 for 1 min. immersed in an aq. soln. contg. ethylenediamine at pH 11 and 50 degrees C for 10 mins., treated in water at 90 degrees C for 15 mins. electrodeposited with an acrylic resin (10% solids) at pH 9, 30 degrees C and 90 V for 3 mins., and baked at 200 degrees C for 20 mins.**

**AW - POLYACRYLIC RESIN**

**AKW - POLYACRYLIC RESIN**

**IW - ALUMINIUM ALLOY ELECTRODEPOSIT ANODE OXIDATION ALLOY IMMERSE AMMONIA AMINE SOLUTION FORMING BOEHMITE LAYER ELECTRODEPOSIT**

**IKW - ALUMINIUM ALLOY ELECTRODEPOSIT ANODE OXIDATION ALLOY IMMERSE AMMONIA AMINE SOLUTION FORMING BOEHMITE LAYER ELECTRODEPOSIT**

**NC - 001**

**OPD - 1974-03-26**

**ORD - 1975-10-04**

**PAW - (KOBM) KOBE STEEL LTD**

**TI - Aluminium alloy electrodeposition - by anodically oxidising alloy, immersing in ammonia or amine soln., forming boehmite layer and electrodepositing**